

ABSTRACT AMENDMENTS

Replace the Abstract with:

~~When a composition wavelength~~ Composition wavelengths of a material for materials
of cladding layers and optical guide layers are defined as 0.92 μm and 1.2 μm respectively,
~~and.~~ When the thickness of optical guide layers, corresponding to an extreme value in which
~~an inclination of a sensitivity curve of a~~ to 1.3 μm -wavelength light and a to 1.55 μm -
wavelength light with respect to a change in the thickness of each of both optical guide layers
changes from positive to negative, are defined as d1 and d2, respectively, the thickness, dg, of
optical guide layers of a light receiving detecting element is configured so as to satisfy
satisfies $0.75d1 \leq dg \leq 1.25d2$.